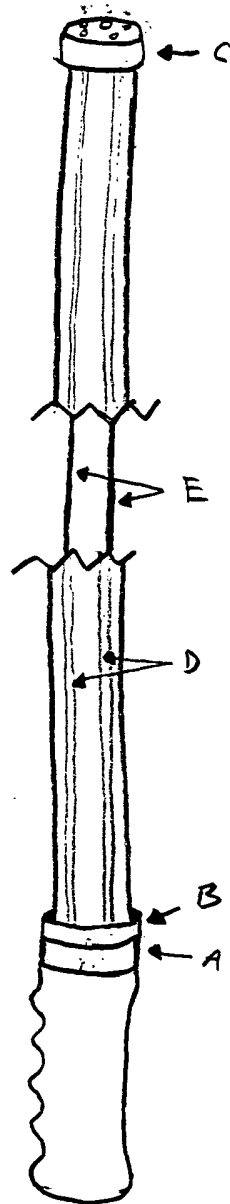
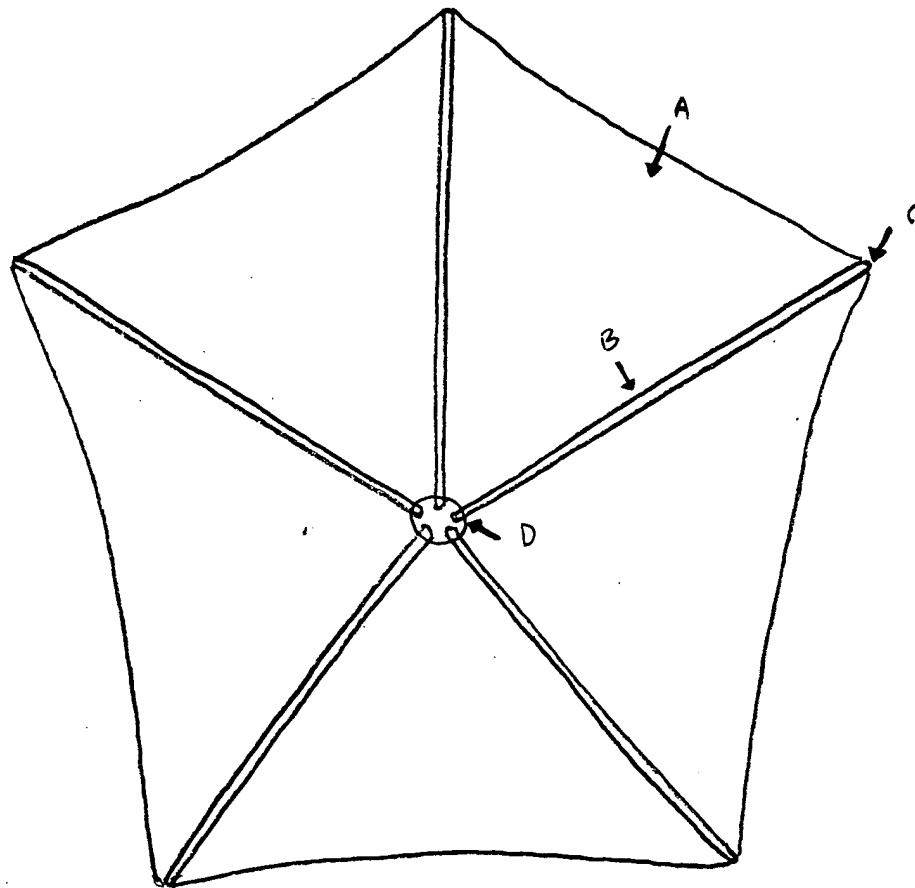


Figure 1
(Shaft Design)



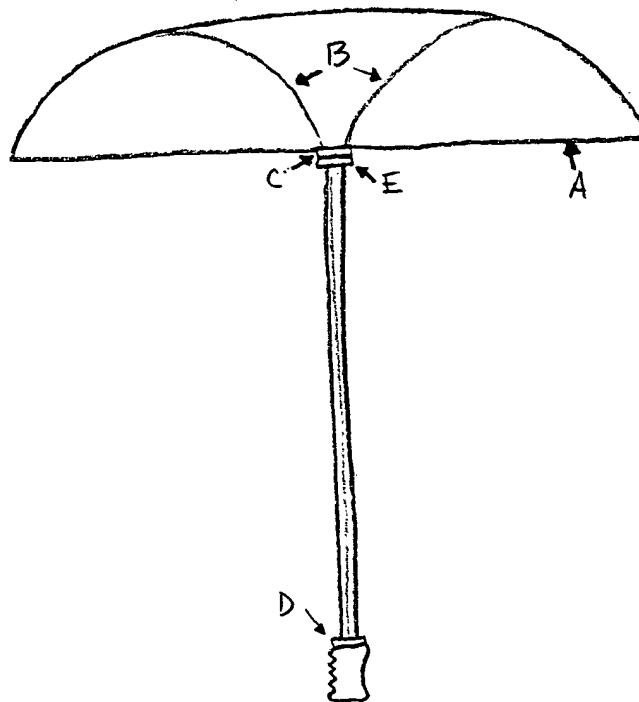
- A: Bottom Static Ring
- B: Dynamic Ring
- C: Top Static Ring
- D: Channel of shaft
- E: Spokes

Figure 2
(Canopy Design)



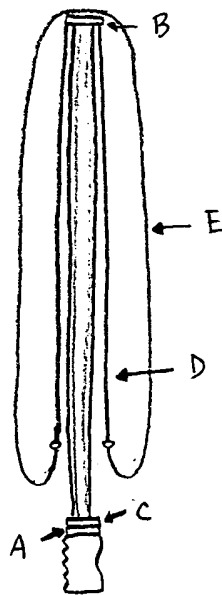
- A: Canopy Fabric
- B: Sleeve (Sewn In)
- C: Reinforced, closed-end of Sleeve
- D: Open-end of Sleeve attached to "Top Static Ring" (Fig 1.c)

Figure 3
(Open Umbrella)



- A: Governing Strip
- B: Sleeves
- C: Top Static Ring
- D: Bottom Static Ring
- E: Dynamic Ring (up)

Figure 4
(closed umbrella)



- A: Bottom Static Ring
- B: Top Static Ring
- C: Dynamic Ring (Down)
- D: Governing Strips
- E: Canopy